

Converting Colors

Hex(99003A)

Have a look what the booklet for
Hex(99003A) contains.

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Color

Hex(99003A)

Conversions

Conversions Part 1

Format	Color
Hex	99003A
RGB	153, 0, 58
RGB Percent	60%, 0%, 23%
CMY	0.4000, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.62, 0.40
HSL	337°, 100%, 30%
HSV	337°, 100%, 60%
XYZ	13.9006, 7.0778, 4.6365
YIQ	52.3590, 72.5700, 50.4740

Conversions

Conversions Part 2

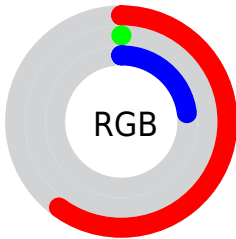
Format	Color
R_YB	153, 0, 58
Decimal	10027066
CIE Lab	31.98, 56.61, 12.89
CIE LCh	32, 58.056, 12.828
Yxy	7.0778, 0.5427, 0.2763
Android (android.graphics.Color)	4288217146 (0xFF99003A)
YUV	52.3590, 2.7810, 88.2622
Hunter-Lab	26.6041, 46.7086, 8.2900

Details

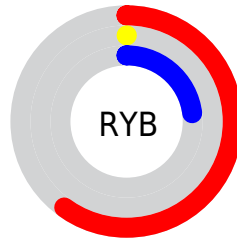
The Hex color **99003A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00995F**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **D54A69**, and **5E0010** is the 20% darker color. If you saturate the color by 10%, you get **99003A**, and if you desaturate by 10%, it is **990F43**.

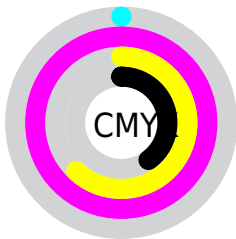
Distribution



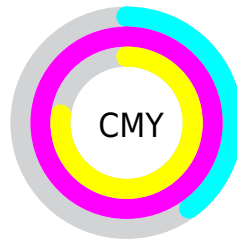
- Red (60%)
- Green (0%)
- Blue (23%)



- Red (60%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99003A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 99003A by changing the saturation by 10% instead.

 99003A

 99003A

FFFFFF

 7B0025

 D54A69

 5E0010

 F46682

 430002

 FF829C

 240001

 FF9EB6

 000000

 FFBBD2

 FFD7EE

 FFF5FF

 99003A

 990F43

 991F4D

 992E56

 993D60

 994D69

 995C73

 996B7C

 997A86

 998A90

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8D1167



99003A



8D250C

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



99003A



085800



0058A3

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



99003A



00995F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



005D89



99003A



005D2E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



99003A



4B4F00



005E5E



004BA6

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99003A



7C3800



005E5E



005A9D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



99003A



C78BA2



5E0099



63404D



E3E3E3



636363

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



99003A



C7004B



991200



4D4548



8C0035



0D0005

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



99003A



C7004B



008799



4D4548



8C0035



0D0005

Previews

White Background



This preview shows how the Hex color 99003A looks on a white background.

Color Contrast Check

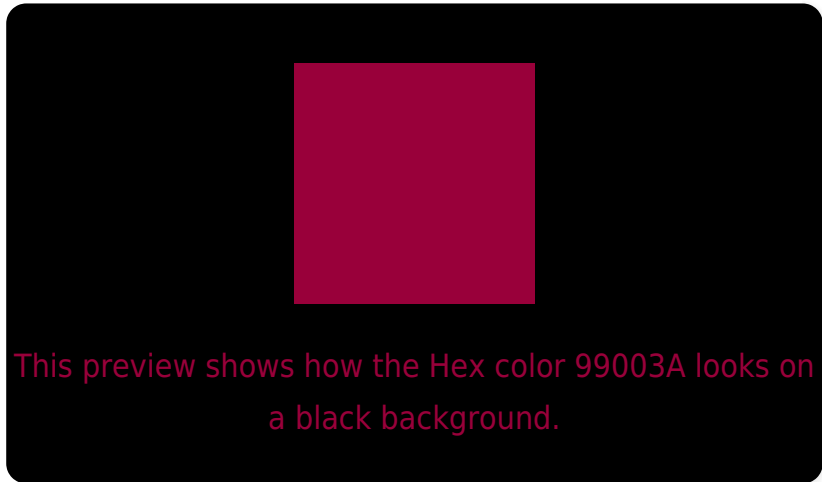
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 99003A Background



This preview shows how black text looks on a background with the Hex color 99003A.

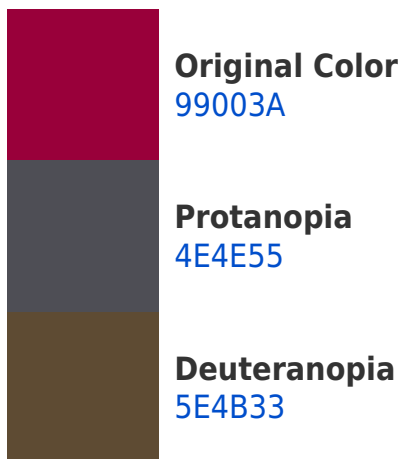


This preview shows how white text looks on a background with the Hex color 99003A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
981716

Trichromacy



Original Color
99003A

Protanomaly
69324B

Deuteranomaly
733036

Tritanomaly
980F23

Monochromacy



Original Color
99003A

Achromatopsia
343434

Achromatomaly
592136

CSS Examples

Text

The CSS property to change the color of the text to Hex 99003A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #99003A looks like.

```
.text, #text, p{  
    color:#99003A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #99003A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99003A
}
```

Border

The CSS property to change the border of an element to Hex 99003A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

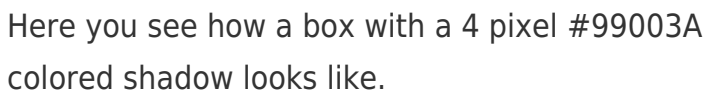
```
.border, #border, table{ border:4px solid
#99003A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#99003A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #99003A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99003A; -webkit-box-shadow:4px 4px  
4px 4px #99003A; box-shadow:4px 4px 4px  
4px #99003A }
```

Background

The CSS property to change the background color of an element to Hex 99003A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99003A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#99003A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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